TEST VEHICLE INFORMATION/TEST SPECIFICATIONS
FMVSS 135

NHTSA TEST VEHICLE: _____MY: _____

Manufacturer recommended brake adjustment performed after 200 stop burnish:
( ) Making Stops, Define: _____
_____
_____

BRAKE SYSTEM INDICATOR LAMP LABELING, Operation, & Ignition Key Check:

( ) Single Lamp (Brake), ( ) Multiple Lamps, Labeled _____
_____

Condition(s) indicated: ( ) Pressure differential OR ( ) drop in fluid level

Lamp On At: Pressure _____ psi, Pedal Force _____ lbs.

OR Low Fluid: Reservoir Full _____ cc, Lamp On At _____ cc

Electrical Failure: ( ) Antilock, ( ) Variable Proportioning

Parking Brake On: ( ) Ignition Key Check -- all Lamps ( ) Yes ( ) No

POWER BRAKES: ( ) Not Available ( ) Vacuum ( ) Hydraulic;
( ) Power Assist Unit ( ) Brake Power Unit ( ) Accumulator
( ) Electrically actuated ( ) Electrical Backup

MASTER CYLINDER DIAMETER: Primary _____ in., _____ mm
Secondary _____ in., _____ mm

SERVICE BRAKE PEDAL RATIO: _____ to 1

PARKING BRAKE: ( ) Front Wheels, ( ) Rear Wheels, ( ) Drive Shaft Brake
( ) Service Brake Linings, ( ) Non-service Brake Linings
NOTE: For non-service brake linings, submit a copy of the burnish instructions provided to vehicle owners
( ) Hand Control, ( ) Foot Control, Ratio _____ to 1

Parking Mechanism ( ) Yes, ( ) No, Describe _____
_____
_____
_____
_____

PRESSURE VALVE: ( ) Metering, ____ psi, ____ bar, Reblend ____ psi, ____ bar
( ) Proportioning, ____ psi, ____ bar, Ratio _____ to 1
( ) Variable Proportioning- ( ) Mechanical, ( ) Electrical
NOTE: For either, submit procedure to render inoperative

HYDRAULIC SPLIT: ( ) LF&RR, RF&LR; ( ) LF&RF, LR&RR;
Other _____

ANTISKID SYSTEM: ( ) Not Available, ( ) 4-Wheel Drive, ( ) Rears Only,
( ) _____
Manufacturer _____
NOTE: Submit procedure for rendering inoperative

MASTER CYLINDER RESERVOIR:
Reservoir Capacity_____
Fluid displaced new to worn linings_____
Subsystem 1 capacity _____
Subsystem 2 capacity_____
Primary system fluid output for single stroke of master cylinder_____
Secondary system fluid output for single stroke of master cylinder_____

FRONT BRAKES

TYPE:				
( ) Drum,	Brake Type	( ) Disc,	Brake Type
( ) Cast	( ) Duo Servo	( ) Cast	( ) Fixed Caliper
( ) Composite	( ) Leading/Trailing	( ) Multipiece	( ) Float Caliper
( ) Finned			( ) Leading/Leading ( ) Vented
			( ) Pin, ( ) Slider
_____	_____	_____	_____

SIZE: Drum Diameter _____ in., _____ mm; Disc Diameter _____ in., _____ mm
Thickness _____ in., _____ mm
Non-service Parking Brake Type & Size _____

LINING SIZE:

Drum - Length _____ in., _____ mm;	Disc - Length _____ in., _____ mm
Primary - Width _____ in., _____ mm;	Inboard - Width _____ in., _____ mm
Thickness _____ in., _____ mm;	Thickness _____ in., _____ mm
Fully Worn Thickness _____ in., _____ mm;	Fully Worn Thickness _____ in., _____ mm
Drum - Length _____ in., _____ mm;	Disc - Length _____ in., _____ mm
Secondary - Width _____ in., _____ mm;	Outboard - Width _____ in., _____ mm
Thickness _____ in., _____ mm;	Thickness _____ in., _____ mm
Fully Worn Thickness _____ in., _____ mm;	Fully Worn Thickness _____ in., _____ mm

LINING INSTALLED DIMENSIONS (Nominal Production Values):
Drum-Shoe Cage Diameter _____ in., _____ mm; Disc-Clearance To Lining
Diametral Clearance = Drum Diameter - Shoe Cage Inboard _____ in., _____ mm
_____ in., _____ mm; Outboard _____ in., _____ mm
Non-service Parking Brake _____

LINING CODES:
Drum-Primary _____; Disc-Inboard _____ or leading
Secondary _____; Outboard _____ or trailing

LINING ATTACHMENT

	BONDED	RIVETED		BONDED	RIVETED
Drum-Primary or Leading	( )	( )	Disc-Inboard	( )	( )
Secondary or Trailing	( )	( )	Outboard	( )	( )

WHEEL CYLINDER DIAMETER: _____ in., _____ mm

CALIPER BORE DIAMETER:_____ in., _____ mm

NUMBER PER BRAKE _____ Number Per Caliper _____
Calipers Per Wheel _____

REAR BRAKES

TYPE: ( ) Drum -- Brake Type ( ) Disc -- Brake Type
( ) Cast ( ) Duo Servo ( ) Cast ( ) Fixed Caliper
( ) Composite ( ) Leading/Trailing ( ) Multipiece ( ) Float Caliper
( ) Finned ( ) Leading/Leading ( ) Vented ( ) Pin, ( ) Slider
_____ _____ _____ _____

SIZE: Drum Diameter _____ in., _____ mm; Disc Diameter _____ in., _____ mm
Thickness _____ in., _____ mm
Non-service Parking Brake Type & Size _____

LINING SIZE:
Drum - Length _____ in., _____ mm; Disc - Length _____ in., _____ mm
Primary - Width _____ in., _____ mm; Inboard - Width _____ in., _____ mm
Thickness _____ in., _____ mm; Thickness _____ in., _____ mm
Fully Worn Thickness _____ in., _____ mm; Fully Worn Thickness _____ in., _____ mm
Drum - Length _____ in., _____ mm; Disc - Length _____ in., _____ mm
Secondary - Width _____ in., _____ mm; Outboard - Width _____ in., _____ mm
Thickness _____ in., _____ mm; Thickness _____ in., _____ mm
Fully Worn Thickness _____ in., _____ mm; Fully Worn Thickness _____ in., _____ mm

LINING INSTALLED DIMENSIONS (Nominal Production Values):
Drum-Shoe Cage Diameter _____ in., _____ mm;
Diametral Clearance = Drum Diameter - Shoe Cage
_____ in., _____ mm;
Disc-Clearance To Lining
Inboard _____ in., _____ mm
Outboard _____ in., _____ mm
Non-service Parking Brake _____

LINING CODES:
Drum - Primary _____;
Secondary _____;
Disc - Inboard _____ or Leading
Outboard _____ or Trailing

LINING ATTACHMENT:

	BONDED	RIVETED		BONDED	RIVETED
Drum - Primary or leading	( )	( )	Disc - Inboard	( )	( )
Secondary or trailing	( )	( )	Outboard	( )	( )

WHEEL CYLINDER DIAMETER: _____ in., _____ mm

CALIPER BORE DIAMETER:_____ in., _____ mm

NUMBER PER BRAKE _____
Number Per Caliper _____
Calipers Per Wheel _____

REMARKS:

FMVSS 135 DATA SUMMARY
PASSENGER CAR EQUIPPED WITH ABS
(SELECTED MANUFACTURER TEST RESULTS)

Use table below or similar to provide results

MY __ ; Make _____ ; Model _____

GVWR/LLVW _____ lbs.

TEST	Loading Condition	Specification and Limit				TEST RESULTS (In compliance if one stop meets requirement)		
		Speed (km/h)	Min. Pedal Force (N)	Max. Pedal Force (N)	Stopping Distance Requirement (m)	Shortest Stop Minimum Pedal Force (N)	Shortest Stop Maximum Pedal Force (N)	Shortest Stop Stopping Distance (m)
Vehicle Maximum Speed	LLVW					B		
Cold Effectiveness	GVWR	100	65	500	70 m			
High Speed Effectiveness	GVWR		65	500	speed dependant			
Stops with Engine Off	GVWR	100	65	500	70 m			
Cold Effectiveness	LLVW	100	65	500	70			
High Speed Effectiveness	LLVW		65	500	speed dependant			
Failed Antilock	LLVW	100	65	500	85			
Failed Proportioning Valve	LLVW	100	65	500	110			
Failed Hydraulic Circuit #1	LLVW	100	65	500	168			
Failed Hydraulic Circuit #2	LLVW	100	65	500	168			
Failed Hydraulic Circuit #1	GVWR	100	65	500	168			
Failed Hydraulic Circuit #2	GVWR	100	65	500	168			
Failed Antilock	GVWR	100	65	500	85			
Failed Proportioning Valve	GVWR	100	65	500	110			
Power Brake Unit Failure	GVWR	100	65	500	168			
Parking Brake - Uphill	GVWR	B	B	B	B			
Parking Brake - Downhill	GVWR	B	B	B	B			
Hot Performance Stop #1	GVWR	100	65					
Hot Performance Stop #2	GVWR	100	65	500	89			
Recovery Performance Stop	GVWR	100	65					